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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1. (Currently Amended) An iris recognition camera, comprising:
 - a driving barrel configured to support a lens;
- a moving unitdevice configured to reciprocatingly move the driving barrel to perform both focus and zoom operations; and
- a position sensor configured to detect a position of the driving barrel within the system.
- 2. (Currently Amended) The iris recognition sensor-camera according to claim 1, wherein the moving unit device comprises:
 - a motor; a lead screw connected to the motor at one end; and a rack coupled to an outer circumference of the lead screw.
- 3. (Previously Presented) The iris recognition camera according to claim 2, wherein the motor comprises a step motor.

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- 4. (Previously Presented) The iris recognition camera according to claim 1, wherein the driving barrel is provided at one side with a detecting portion configured to communicate with the position sensor so that the position sensor detects a position of the driving barrel.
- 5. (Previously Presented) The iris recognition camera according to claim 1, wherein the lens comprises a wide-angle lens.
- 6. (Previously Presented) The iris recognition camera according to claim 5, wherein the wide-angle lens has a focusing distance of about 11.8.+-.1 mm.
- 7. (Previously Presented) The iris recognition camera according to claim 1, further comprising one or more guide bars configured to guide the driving barrel during reciprocating movement.
- 8. (Previously Presented) The iris recognition camera according to claim 7, wherein the one or more guide bars comprises a pair of guide bars, respectively, positioned on opposite sides of the driving barrel.

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9. (Previously Presented) The iris recognition camera according to claim 1, wherein the position sensor is positioned behind the lens.

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- 10. (Previously Presented) The iris recognition camera according to claim 1, wherein the lens has an image pickup distance range of about 20-70 cm.
- 11. (Previously Presented) The iris recognition camera according to claim 1, wherein the position sensor comprises one of an optical sensor and a contact sensor.
- 12. (Previously Presented) An iris recognition system comprising the iris recognition camera of claim 1.

13.-19. (Canceled)

20. (Currently Amended) A method of operation for an iris recognition camera, comprising:

detecting a user;

moving a camera lens to an initial position detected by a position sensor after the position sensor detects the user;

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thereafter moving the camera lens from the initial position to an image pickup location where a user's iris can be captured; and

performing the image pickup using an image pickup device.

- 21. (Previously Presented) The method according to claim 20, wherein the camera lens comprises a wide-angle lens.
- 22. (Previously Presented) The method according to claim 20, wherein the image pickup device comprises a charge-coupled device.
- 23. (Previously Presented) The method according to claim 20, wherein the iris recognition camera comprises a driving source for moving the lens in the form of a step motor.
- 24. (Previously Presented) The method according to claim 20, wherein the iris recognition camera further comprises a power transmission configured to transmit power for moving the camera lens.

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- 25. (Previously Presented) The method according to claim 24, wherein the power transmission device includes a lead screw configured to be rotated by power from a driving source, and rack screw-coupled to an outer circumference of lead screw.
- 26. (Currently Amended) A method of operation for an iris recognition camera, comprising:

turning on power of an iris recognition camera;

moving a lens to an initial position;

detecting a user;

capturing an iris image of the user by moving the lens <u>from the initial position</u> to a location where the iris image is focused; and

storing a current location of the lens.

- 27. (Previously Presented) The method according to claim 26, wherein the initial position is detected by a position sensor.
- 28. (Previously Presented) The method according to claim 26, further comprising: comparing, when a new user is detected, the current location of the lens with an appropriate location for the lens for the new user;

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calculating a difference between the current location and the appropriate location; and moving the lens by the calculated difference to perform the image pickup.

29. (Previously Presented) The method according to claim 26, wherein the lens comprises a wide-angle lens.